

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/560,981
Source: IFWP
Date Processed by STIC: 12/30/2005

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 12/30/2005

PATENT APPLICATION: US/10/560,981

TIME: 09:41:30

Input Set : A:\Sequence.txt

Output Set: N:\CRF4\12302005\J560981.raw

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3 <110> APPLICANT: Lau, Lester F.
5 <120> TITLE OF INVENTION: CCN1 Compositions and Methods
7 <130> FILE REFERENCE: 05031.0007.PCUS00
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/560,981
C--> 9 <141> CURRENT FILING DATE: 2005-12-15
9 <150> PRIOR APPLICATION NUMBER: PCT / US2004/019766
10 <151> PRIOR FILING DATE: 2004-06-21
12 <150> PRIOR APPLICATION NUMBER: US Provisional 60/480,161
13 <151> PRIOR FILING DATE: 2003-06-21
15 <160> NUMBER OF SEQ ID NOS: 24
17 <170> SOFTWARE: PatentIn version 3.3
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 10
21 <212> TYPE: PRT
22 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
26 Thr Thr Ser Trp Ser Gln Cys Ser Lys Ser
27 1 5 10
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 17
32 <212> TYPE: PRT
33 <213> ORGANISM: Homo sapiens
35 <400> SEQUENCE: 2
37 Gly Gln Lys Cys Ile Val Gln Thr Thr Ser Trp Ser Gln Cys Ser Lys
38 1 5 10 15
41 Ser
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 10
47 <212> TYPE: PRT
48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: recognition motif for integrin a6b1
54 <220> FEATURE:
55 <221> NAME/KEY: misc_feature
56 <222> LOCATION: (3)..(3)
57 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
59 <220> FEATURE:
60 <221> NAME/KEY: misc_feature
61 <222> LOCATION: (6)..(6)
62 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
64 <400> SEQUENCE: 3
W--> 66 Thr Thr Xaa Trp Ser Xaa Cys Ser Lys Ser
67 1 5 10

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70 <210> SEQ ID NO: 4
71 <211> LENGTH: 12
72 <212> TYPE: PRT
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Synthetic peptide derived from integrin a6b1
78 <400> SEQUENCE: 4
80 Asn Pro Trp His Ser Ile Tyr Ile Thr Arg Phe Gly
81 1          5          10
84 <210> SEQ ID NO: 5
85 <211> LENGTH: 12
86 <212> TYPE: PRT
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: synthetic peptide derived from integrin a6b1
92 <400> SEQUENCE: 5
94 Thr Trp Tyr Lys Ile Ala Phe Gln Arg Asn Arg Lys
95 1          5          10
98 <210> SEQ ID NO: 6
99 <211> LENGTH: 25
100 <212> TYPE: DNA
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: PCR Primer
106 <400> SEQUENCE: 6
107 cgcgatccg gcgtctcca cctgc
110 <210> SEQ ID NO: 7
111 <211> LENGTH: 32
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: PCR Primer
118 <400> SEQUENCE: 7
119 ggaattccct ctgcagatcc ctttcagagc gg
122 <210> SEQ ID NO: 8
123 <211> LENGTH: 29
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: PCR Primer
130 <400> SEQUENCE: 8
131 cgcgatccg gctcagtcag aaggcagac
134 <210> SEQ ID NO: 9
135 <211> LENGTH: 33
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: PCR Primer
142 <400> SEQUENCE: 9

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143 ggaattccca ggaagcctct tcagtga gct gcc 33
146 <210> SEQ ID NO: 10
147 <211> LENGTH: 22
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: PCR Primer
154 <400> SEQUENCE: 10
155 cgcg gatccg gtc tttggca cc 22
158 <210> SEQ ID NO: 11
159 <211> LENGTH: 35
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: PCR Primer
166 <400> SEQUENCE: 11
167 ggaattccct tttaggtgc tgtacactgg ttgtc 35
170 <210> SEQ ID NO: 12
171 <211> LENGTH: 29
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: PCR Primer
178 <400> SEQUENCE: 12
179 cgggatccgc gggccagaaa tgc atcggt 29
182 <210> SEQ ID NO: 13
183 <211> LENGTH: 30
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: PCR Primer
190 <400> SEQUENCE: 13
191 ccggaattcc gctcttggag cactgggacc 30
194 <210> SEQ ID NO: 14
195 <211> LENGTH: 58
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: PCR Primer
202 <400> SEQUENCE: 14
203 gatccggtca aaaatgtatt gttcaaacta cttcttggtc tcaatgctct aaatctgg 58
206 <210> SEQ ID NO: 15
207 <211> LENGTH: 61
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: PCR Primer
214 <400> SEQUENCE: 15
215 aattccagat ttagagcatt gagaccaaga agtagtagtt tgaacaatac atttttgacc 60

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217 g 61
220 <210> SEQ ID NO: 16
221 <211> LENGTH: 32
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: PCR Primer
228 <400> SEQUENCE: 16
229 cgcaattgga aaaggcagct cactgaagag gc 32
232 <210> SEQ ID NO: 17
233 <211> LENGTH: 61
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: PCR Primer
240 <400> SEQUENCE: 17
241 ccggaattcc tacttgtcat cgtcacctt gtagtcgtcc ctgaacttgt ggatgtcatt 60
243 g 61
246 <210> SEQ ID NO: 18
247 <211> LENGTH: 17
248 <212> TYPE: PRT
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: K239E mutation in T1 peptide
254 <400> SEQUENCE: 18
256 Gly Gln Lys Cys Ile Val Ala Thr Thr Ser Trp Ser Gln Cys Ser Glu
257 1 5 10 15
260 Ser
264 <210> SEQ ID NO: 19
265 <211> LENGTH: 30
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: PCR Primer
272 <400> SEQUENCE: 19
273 gtcttgggtcc cagtgttccg agagctgcgg 30
276 <210> SEQ ID NO: 20
277 <211> LENGTH: 31
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: PCR Primer
284 <400> SEQUENCE: 20
285 cactgggacc aagacgtggt ctgaacgatg c 31
288 <210> SEQ ID NO: 21
289 <211> LENGTH: 16
290 <212> TYPE: PRT
291 <213> ORGANISM: Homo Sapiens
293 <400> SEQUENCE: 21

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295 Lys Gly Lys Lys Cys Ser Lys Thr Lys Lys Ser Pro Glu Pro Val Arg
296 1          5          10          15
299 <210> SEQ ID NO: 22
300 <211> LENGTH: 16
301 <212> TYPE: PRT
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: mutant H1 site
307 <400> SEQUENCE: 22
309 Ala Gly Ala Ala Cys Ser Ala Thr Ala Lys Ser Pro Glu Pro Val Arg
310 1          5          10          15
313 <210> SEQ ID NO: 23
314 <211> LENGTH: 16
315 <212> TYPE: PRT
316 <213> ORGANISM: Homo Sapiens
318 <400> SEQUENCE: 23
320 Phe Thr Tyr Ala Gly Cys Ser Ser Val Lys Lys Tyr Arg Pro Lys Tyr
321 1          5          10          15
324 <210> SEQ ID NO: 24
325 <211> LENGTH: 16
326 <212> TYPE: PRT
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: mutant H2 site
332 <400> SEQUENCE: 24
334 Phe Thr Tyr Ala Gly Cys Ser Ser Val Ala Ala Tyr Ala Pro Lys Tyr
335 1          5          10          15

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RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 12/30/2005

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Input Set : A:\Sequence.txt

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; Xaa Pos. 3,6

VERIFICATION SUMMARY

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Input Set : A:\Sequence.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0